

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Patent Application of:
Ruben et al.

Docket No.: PZ040P1C1

Application No.: 10/042,141

Confirmation No.: 7361

Filed: January 11, 2002

Art Unit: 1637

For: 26 Human Secreted Proteins

Examiner: A. Spiegler

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of a claim of the subject application, Attorney for Applicants hereby directs the Examiner's attention to references A-H listed on the attached Form PTO/SB/08. Copies of the references are enclosed.

The listed references are presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. See 37 C.F.R. § 1.104(a) concerning the Examiner's duty to consider and use any such information. Applicants respectfully request that the Examiner make the listed references of record in the file history of the application, and consider the information contained therein during the prosecution of this application.

Identification of the listed references is not to be construed as an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants do not waive any rights to take appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits. Accordingly, no fee is believed due.

However, should the Patent Office determine otherwise, please charge the required fee to our Deposit Account No. 08-3425.

Dated: December 8, 2003

Respectfully submitted,

By 
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| Substitute for form 1449A/B/PTO | | | | <i>Complete if Known</i> | |
| | | | | Application Number | 10/042,141-Conf. #7361 |
| | | | | Filing Date | January 11, 2002 |
| | | | | First Named Inventor | Steven M. Ruben |
| | | | | Art Unit | 1637 |
| | | | | Examiner Name | A. Spiegler |
| sheet | 1 | of | 1 | Attorney Docket Number | PZ040P1C1 |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | ² |
|-------------------|-----------------------|---|--------------|
| | A | CORBEIL et al., "The Human AC133 Hematopoietic Stem Cell Antigen Is also Expressed in Epithelial Cells and Targeted to Plasma Membrane Protrusions," <i>J. Biol. Chem.</i> , 275(8):5512-5520 (Feb. 25, 2000). | |
| | B | CORBEIL et al., "Selective localization of the polytopic membrane protein prominin in microvilli of epithelial cells - a combination of apical sorting and retention in plasma membrane protrusions," <i>J. Cell Science</i> , 112:1023-1033 (1999). | |
| | C | FARGEAS et al., "Characterization of Prominin-2, a New Member of the Prominin Family of Pentaspan Membrane Glycoproteins," <i>J. Biol. Chem.</i> , 278(10):8586-8596 (Mar. 7, 2003). | |
| | D | MAW et al., "A frameshift mutation in prominin (mouse)-like 1 causes human retinal degeneration," <i>Human Molec. Genetics</i> , 9(1):27-34 (2000). | |
| | E | CORBEIL et al., "AC133 Hematopoietic Stem Cell Antigen: Human Homologue of Mouse Kidney Prominin or Distinct Member of a Novel Protein Family?," <i>Blood</i> , 91(7):2625-2626 (1998). | |
| | F | MIRAGLIA et al., "A Response to AC133 Hematopoietic Stem Cell Antigen: Human Homologue of Mouse Kidney Prominin or Distinct Member of a Novel Protein Family?," <i>Blood</i> , 91(11):4390-4391 (1998). | |
| | G | ROPER et al., "Retention of prominin in microvilli reveals distinct cholesterol-based lipid micro-domains in the apical plasma membrane," <i>Nature Cell Biol.</i> , 2:582-592 (Sep. 2000). | |
| | H | WEIGMANN et al., "Prominin, a novel microvilli-specific polytopic membrane protein of the apical surface of epithelial cells, is targeted to plasmalemmal protrusions of non-epithelial cells," <i>PNAS USA</i> , 94:12425-12430 (Nov. 1997). | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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| Examiner Signature | | Date Considered | |
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